

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An installation for intermediate storage of flat articles, the installation comprising:

a number of passively displaceable roll supports, each comprising a rotateable winding core,

a number of winding stations for winding incoming flat articles onto the winding cores of the roll supports and for unwinding outgoing flat articles from the winding cores of the roll supports,

a number of storage places for roll supports, the number being about the same as or larger than the number of roll supports,

a plurality of primary transport paths; and at least one a secondary transport path, wherein the primary transport paths extend from two sides of the secondary transport path and wherein on each primary transport path an entrance of one of the plurality of winding stations is located or a plurality of the storage places;

~~a plurality of stations (1) for establishing and dissolving storage formations of the articles, said stations having entrances located at ends of a plurality of the primary transport paths, wherein the storage formations are imbricated formations of flat articles wound onto roll cores (11) and wherein the stations (1) are winding stations;~~

~~a plurality of passively displaceable mobile supporting elements (2)~~
~~constructed to support one storage formation each and to be inserted into and~~
~~retracted from the stations through the entrances, wherein the supporting elements~~
~~(2) are roll stands with roll cores (11) rotatably installed thereon;~~

~~a plurality of storage spaces (2.1, 2.2) for storing the supporting elements (2),~~
~~the storage spaces being located on a plurality of the primary transport paths;~~

~~at least one~~a number of ~~positioning device~~devices, the number being
considerably smaller than the number of roll supports and number of primary
transport paths, the positioning devices being equipped for~~able to~~ actively
~~travel~~travelling along the plurality of primary transport paths, for positioning and
retrieving supporting elements (2) and for transporting the supporting elements (2)
along the primary paths, the at least one positioning device being movable forward
and backward, wherein the at least one positioning device (5) is movable forward
with one of the supporting elements on its front side, relative to a direction of travel,
and is movable backward with one of the supporting elements on its back side,
relative to the direction of travel; and towards and away from the secondary transport
path and for transporting one of the roll supports at a time, the roll support being
arranged on a front side of the positioning device;

~~at least one~~an orienting device (6, 6')being equipped for transporting the at
~~least one positioning device along the at least one~~actively traveling along the
secondary transport path (4) and for changing an orientation thereof, the orienting
device comprising first and second side faces, the first being selectively openable for
receiving and releasing one of the positioning devices and the second side face
being closed, wherein the orienting device is equipped for a rotation by 180° for

selectively orienting the openable side face towards one of the two sides of the secondary transport path;

wherein at least part of the primary transport paths, the storage spaces, the entrances of the winding stations and the positioning devices are adapted to each other for the positioning devices to travel forward in a direction away from the cross the at least one secondary transport path and to travel backward in a direction towards the , wherein the at least one positioning device is adapted for positioning, retrieving, and transporting the supporting elements along the primary transport paths separated from the at least one orienting device, and wherein the at least one positioning device is adapted to be loaded to the at least one orienting device for orienting and transporting the supporting elements along the at least one secondary transport path, the front side of the positioning device facing forward on forward traveling and backward on backward traveling;

and wherein the orienting device and the positioning devices are adapted to each other such that the positioning devices are able to actively drive onto the orienting device from a primary transport path through the open side face of the orienting device and off the orienting device through the open side face thereof to another or the same primary transport path.

2. (Currently Amended) The installation according to claim 1, wherein the primary transport paths (3) run parallel to one another and transverse to the at least one secondary transport path (4).

3. (Currently Amended) The installation according to claim 1, wherein the at

~~least one positioning device (5) is and~~devices are elevating truck ~~(20) with trucks~~
comprising a forklift (21).

4. (Currently Amended) The installation according to claim 1, wherein the at
~~least one positioning device (5) is displaceable~~devices are equipped for travelling
along guide means.

5. (Previously Presented) The installation according to claim 4, wherein the
guide means are rails or electrical guide lines.

6. (Currently Amended) The installation according to claim 1, wherein the at
~~least one orienting device (6, 6') comprises means for holding the positioning device~~
~~(5) and means for rotating the positioning device (5) around a vertical rotation axis~~
~~(B)~~a supporting frame which is rotateable around a vertical axis and which is
suspended from a supporting beam.

7. (Currently Amended) The installation according to claim 6, wherein the
~~means for rotating around a vertical axis (B) comprise a rotatable supporting frame~~
~~(32) suspended from a supporting beam (30)~~passes through the area of the center
of gravity of the positioning device being carried by the orienting device and being
loaded with a supporting element holding a roll of the flat articles.

8. (Currently Amended) The installation according to claim ~~7~~6, wherein the
~~vertical axis (B) passes through the area of the center of gravity of the~~orienting

device is adapted to transport and rotate two positioning device (5) devices being
~~carried by the orienting device (6) and being loaded with a supporting element (2)~~
with a storage formation together.

9. (Currently Amended) The installation according to claim 6, wherein the at
least one orienting device (6, 6') ~~is adapted to simultaneously reorient and transport~~
~~the one positioning device (5.1) together with a further positioning device (5.2)~~ further
comprises means for elevating or lowering the positioning device.

10. (Currently Amended) The installation according to claim 9, wherein the
vertical axis (B) is positioned between the two positioning devices (5.1, 5.2) ~~carried~~
~~by the orienting device (6').~~

11. (Cancelled)

12. (Currently Amended) The installation according to claim 9, wherein the at
least one orienting device (6, 6') ~~additionally comprises means for elevating or~~
~~lowering the positioning device (5)~~ comprises a plurality of chain hoists, which are
synchronously driven.

13. (Cancelled)

14. (Currently Amended) The installation according to claim 1, wherein the
orienting device (6, 6') ~~is movable~~ drivable along a pair of rails (34).

15. (Currently Amended) The installation according to claim 1, ~~wherein the installation and further comprises~~comprising a at least one tertiary partial device ~~(10)transport path and a further device~~ for transporting the orienting devices ~~(6, 6')device~~ along the tertiary transport pathpath.

16. (Currently Amended) The installation according to claim 15, wherein the at least one tertiary partial device ~~(10)further device~~ is an elevator.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)